BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK : CONSTRUCTION OF DRAINS AT JANATHA COLONY VENKATALA IN WARD NO.01 OF YELAHANKA SUB-DIVISION

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Estimate Cost Rs. 6.02 Lakhs Rate	Amount
1	KSRRB M200-24:- dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces no exceeding 0.02 Cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials separately complete as per specifications. MORTH specifications. No. 202, (P.No. 138/ Item No. 18.47)								
	Janatha Colony	Cum							
	Cross Roads		1	50.00	3.50	0.15	26.25		
			1	14.00	5.20	0.15	10.92		
			1	30.00	2.20	0.15	9.90		
							47.07	843.48	**39702.60**
	Basic Rate	781.00							
	Area Weightage @ 8%	62.48							
	Total	**843.48**							
2	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)								
	Janatha Colony	Cum							
	Cross Roads		1	50.00	3.50	0.20	35.00		
			1	14.00	5.20	0.20	14.56		
			1	30.00	2.20	0.20	13.20		
							62.76	169.56	**10641.59**
	Basic Rate	157.00							
	Area Weightage @ 8%	12.56							
	Total	**169.56**							
3	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)								
		Cum							
				Qty Vide Item No.1+2			**109.83**	100.00	**10983.00**
	Average Weight of Earth 1.28 Tonne/Km								
	Basic Rate Lead Charges for 10.00 Kms (2.50X1.28X10.00)	32.00							
	Add loading and unloading Item No 17.1)	68.00							
	Total	**100.00**							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS 4.1, 4.2 (P.12/I.4.3)								
	Janatha Colony	Cum							
	Cross Roads		1	50.00	3.50	0.15	26.25		
			1	14.00	5.20	0.15	10.92		
			1	30.00	2.20	0.15	9.90		
							47.07	5256.36	**247416.87**
	Basic Rate	4867.00							
	Area Weightage @ 8 %	389.36							
	Total	**5256.36**							
5	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete **(RMC)** M20 for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary beams with all lead and lifts etc.,complete (exclusive of cost of steel and fabrication charges.) Page No.18 / Item No. 4.48)								
	Janatha Colony	Cum							
	Cross Roads		1	50.00	3.50	0.10	17.50		
			1	14.00	5.20	0.10	7.28		
			1	30.00	2.20	0.10	6.60		
							31.38	6349.32	**199241.66**
	Basic Rate	5879.00							
	Area Weightage @ 8 %	470.32							
	Total	**6349.32**							
6	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift (P.177/ I.22.7)								
	Janatha Colony	Sqm							
	Cross Roads		1	50.00	3.50		175.00		
			1	14.00	5.20		72.80		
			1	30.00	2.20		66.00		
							313.80	97.20	**30501.36**
	Basic Rate	90.00							
	Area Weightage @ 8 %	7.20							
	Total	**97.20**							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
7	Providing Groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine generator and HOM of machinery including cost of blade, coolant etc., including cleaning aof groove & providing sand and hot bitumen fillars and filler metal etc.,including cost of conveyance of all materials, labour,lead and lift charges and all the other incidental charges as per drawing and as per specifications, MORTH specification. (P.178/ I.22.8)								
		m							
	lateral cutting		7	3.50			24.50		
			2	5.20			10.40		
			5	2.20			11.00		
	longitudinal cutting		1	50.00			50.00		
			1	14.00			14.00		
							109.90	124.20	13649.58
	Basic Rate	115.00							
	Area Weightage @ 8 %	9.20							
	Total	124.20							
							Sub-Total Amount		552136.66
8	9% for KRIDL Charges								49692.30
9	Miscellaneous and unforeseen charges	LS							171.04
							Grand Total Amount		602000.00

(Rupees Six Lakhs and Two Thousand Only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2016-17 and data rate of Bangalore Circle.
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Assistant Engineer
Ward No.01

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Executive Engineer
Yelahanka Division
B.B.M.P

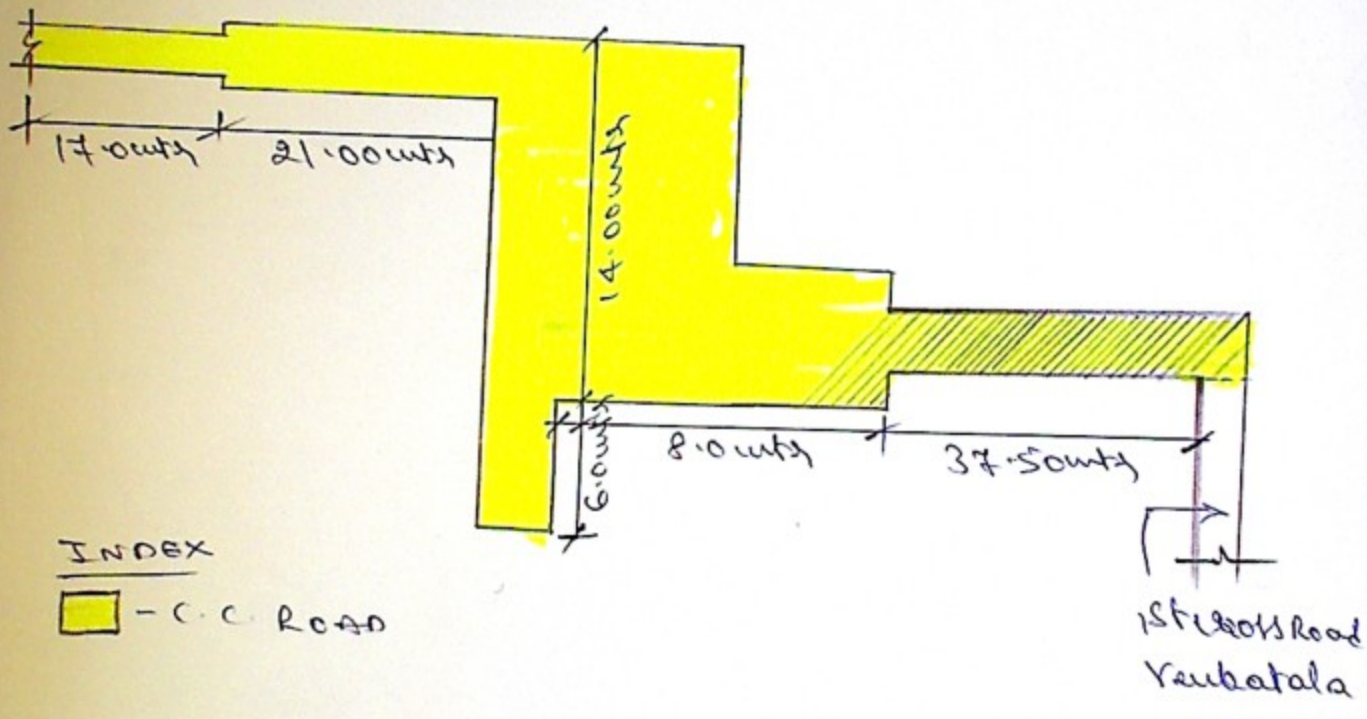
Administrative Sanction for Rs. 6.02 lakhs
Six lakhs & Two Thousand only
is accorded under head P-1878-2015.16-
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/YNK/AA/27/16-17 Dt. 4-1-17

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 6.02 lakhs
Rupees Six Lakhs & Two Thousand only
Under P-1878-2015.16
Registered as CE ( ) No. .....
Subject to conditions contained in enclosed memo EE ( ) No. ..... Dt. EE/YNK/TS/27/16-17 Dated 4-1-2017
Estimate Administrative Sanctioned No. ..... Rs. 6.02 lakhs

Executive Engineer

Name of work :- construction of drains @ Jayantha colony Vaibatala in ward no.01



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